



270

SANYO STEREO TURNTABLE TP 725 ^(MV)_(SEV) SERVICE MANUAL



270

SPECIFICATION

MOTOR & TURNTABLE SECTION

| | |
|----------------------------|-----------------------------------|
| Motor: | 4-pole AC servo-motor |
| Drive System: | Belt-driven |
| Speeds: | 33-1/3 and 45 rpm. |
| Wow & Flutter: | 0.08% |
| Signal to Noise Ratio @2f: | 55dB |
| Turntable Platter: | Diameter; 310mm Weight; 0.9 Kg |
| Controllable Speed Range: | ±3.0% |

TONE ARM SECTION

| | |
|-----------------------|-------------------------------|
| Type: | Static Balance Type (S-shape) |
| Effective Arm Length: | 215mm |
| Tracking Force Range: | 1.0 to 3.5 |

CARTRIDGE SECTION

| | |
|-------------------------------|----------------------------|
| Type: | Induced Magnetic (MG-28) |
| Frequency Response: | 10 ~ 27 KHz |
| Channel Separation @1,000 Hz: | 15dB |
| Output Voltage @500mm/sec: | 2.0 ~ 3.8mV |
| Load Impedance: | 50K ohm |
| Stylus: | 0.5 mill. Diamond (ST-28D) |

MISCELLANEOUS

| | |
|--------------------|--|
| Power Requirement: | MV (Switchable) 120/200/220/240V 50/60 Hz SEV/FSZ 110/220V 50 Hz |
| Power Consumption: | 10 watts |
| Dimension: | Wide; 452mm (approx.) Depth; 368mm (approx.) Height; 167mm (approx.) |
| Weight: | 9.5 Kg (approx.) |

PICK-UP ARM HEIGHT ADJUSTMENT

Loosen the pick-up arm height adjusting screw (75) and adjust the height by sliding the support arm (100) and secure the screw.

PICK-UP RAISING POSITION ADJUSTMENT (Return point)

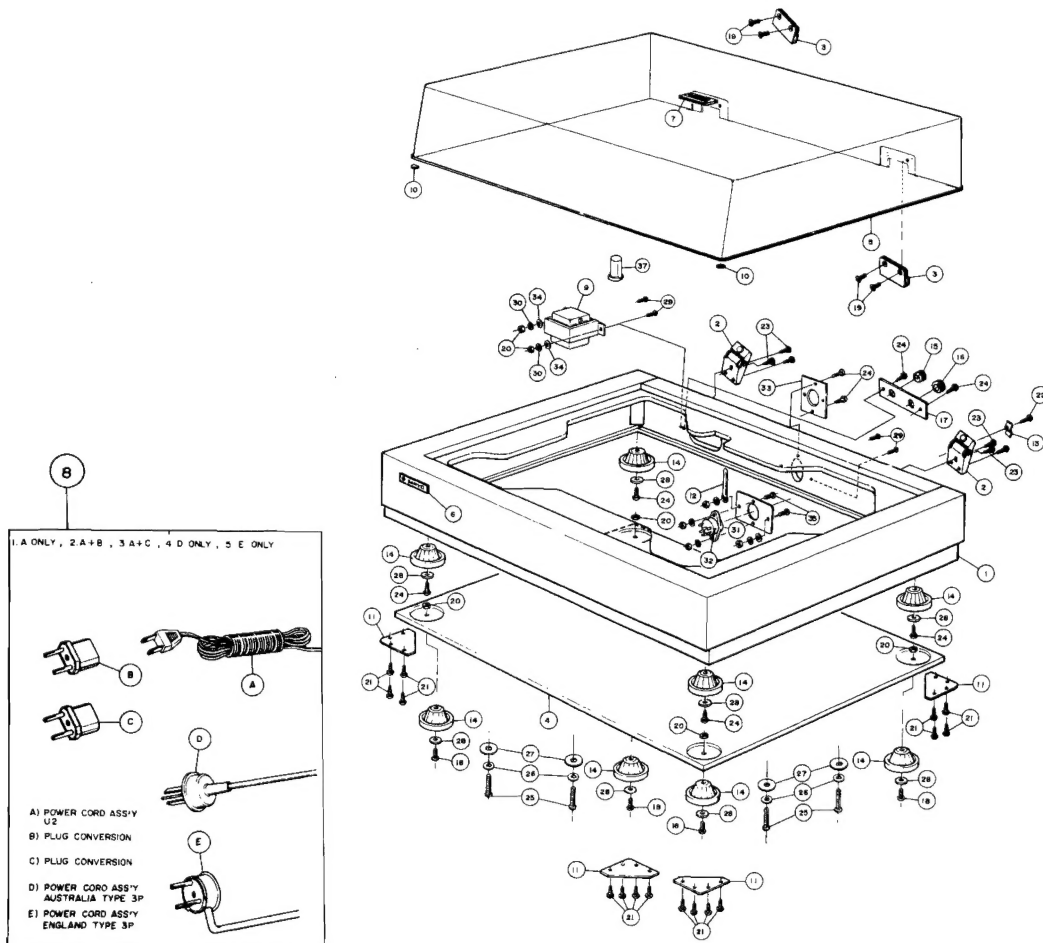
Turn screw (96) clockwise to move outwards, and counterclockwise to move inwards.

PARTS LIST (MV)

| Key No. | Part No. | Description | Q'ty |
|---------|------------------|----------------------|------|
| PACKING | | | |
| | 131 6 1139 51202 | Box Corrugate EXP | 1 |
| | 131 6 2119 01330 | Bag Polyethylene EXP | 1 |
| | 131 6 2119 01361 | Bag Polyethylene EXP | 1 |
| | 131 6 3009 19520 | Pad | 1 |
| | 131 6 3009 19521 | Pad | 1 |
| | 131 6 2519 07400 | Bag Polyethylene EXP | 1 |
| | 131 6 2719 10600 | Bag Fan | 1 |
| | 131 6 4119 45404 | Explanatory Booklet | 1 |
| CABINET | | | |
| 1 | 131 2 1101 30301 | Cabinet | 1 |
| 2 | 131 0 2002 14201 | Hinge Assy | 2 |
| 3 | 131 2 2108 00900 | Hinge | 2 |
| 4 | 131 2 1105 16001 | Plate Bottom | 1 |
| 5 | 131 2 1107 18900 | Lid | 1 |
| 6 | 131 2 1301 14400 | Sanyo Badge | 1 |
| 7 | 131 2 1310 22101 | Name Plate | 2 |
| 8 | 131 0 4006 00300 | Cord Assy | 1 |
| 9 | 4 2519 21180 | Power Trans | 1 |
| 10 | 131 2 2904 11900 | Pad Lid | 2 |
| 11 | 131 2 3101 17701 | Metal Mount | 4 |
| 12 | 131 2 3608 10200 | Cramp Wire | 1 |
| 13 | 131 2 3608 10300 | Cramp Wire | 1 |
| 14 | 131 2 5205 14700 | Cushion | 8 |
| | 131 2 5205 15000 | Cushion | 4 |

| Key No. | Part No. | Description | Q'ty |
|---------|------------------|--------------------------|------|
| CABINET | | | |
| 15 | 131 2 6111 14200 | Bushing | 1 |
| | 131 2 6111 14700 | Bushing | 1 |
| 16 | 131 2 6111 10300 | Bushing | 1 |
| 17 | 131 2 3101 33400 | Metal Mount | 1 |
| 18 | 101 3 1103 01001 | Screw Pan Hd. 3 x 10 | 4 |
| 19 | 101 3 1204 00803 | Screw Flat Hd. 4 x 8 | 4 |
| 20 | 104 3 1 03 00002 | Nut 3 | 10 |
| 21 | 106 3 1102 11001 | Screw Round Hd. 2.7 x 10 | 16 |
| 22 | 106 3 1103 10801 | Screw Round Hd. 3.1 x 8 | 1 |
| 23 | 106 3 1103 11302 | Screw Round Hd. 3.1 x 13 | 6 |
| 24 | 106 3 1103 11301 | Screw Round Hd. 3.1 x 13 | 9 |
| 25 | 101 3 1104 02003 | Screw Pan Hd. 4 x 20 | 4 |
| 26 | 105 3 1204 00001 | Washer Spring 4 | 4 |
| 27 | 131 2 4203 84211 | Washer 4.2 x 13 x 1.6 | 4 |
| 28 | 131 2 4203 83202 | Washer 3.2 x 10 x 1 | 8 |
| 29 | 101 3 1103 01602 | Screw Pan Hd. 3 x 16 | 2 |
| 30 | 105 3 1203 00002 | Washer 3mm | 6 |
| 31 | 4 2369 20550 | Power Select Plug | 1 |
| 32 | 4 2359 21220 | Power Select Socket | 1 |
| 33 | 131 2 3101 23400 | Metal Mount | 2 |
| 34 | 131 2 4203 83200 | Washer 3.2 x 8 x 0.5 | 6 |
| 35 | 101 3 1103 00802 | Screw Pan Hd. 3 x 8 | 2 |
| 36 | 105 3 1203 00002 | Washer Spring 3.0 | 6 |
| 37 | 4 2379 20930 | Terminal | 1 |

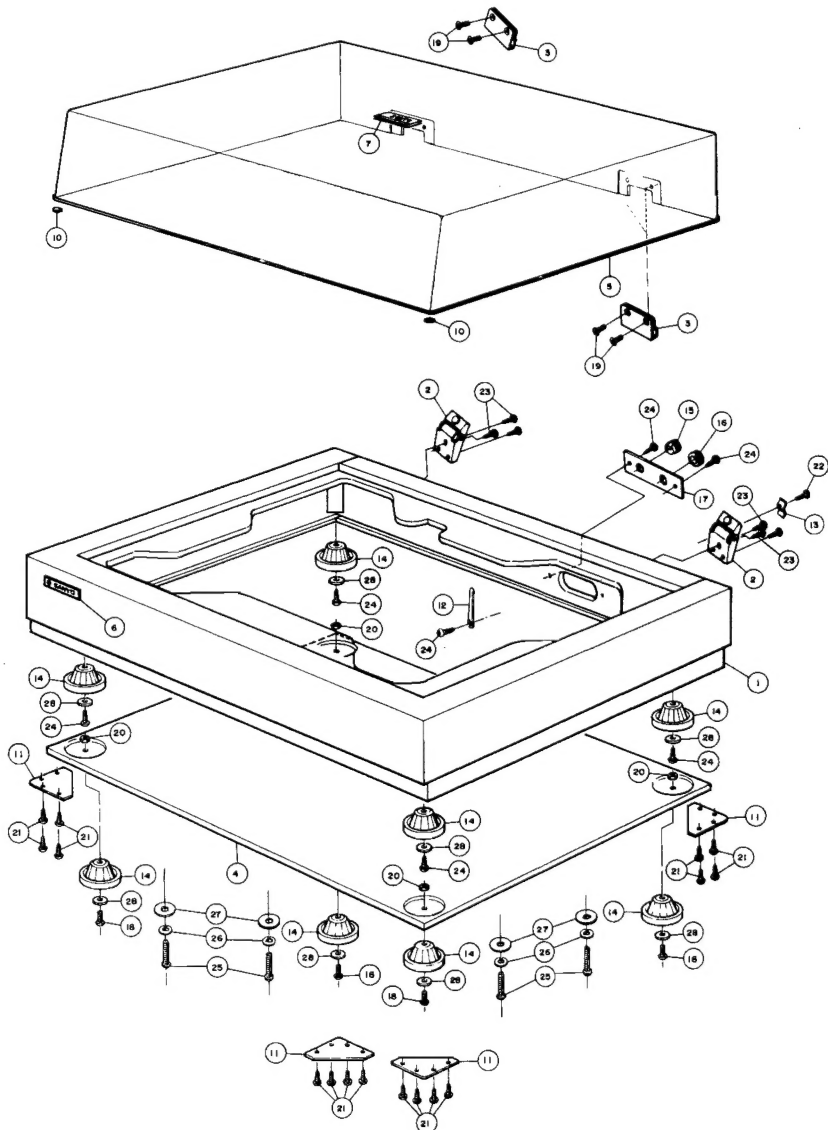
CABINET EXPLODED VIEW (TP 725 MV)



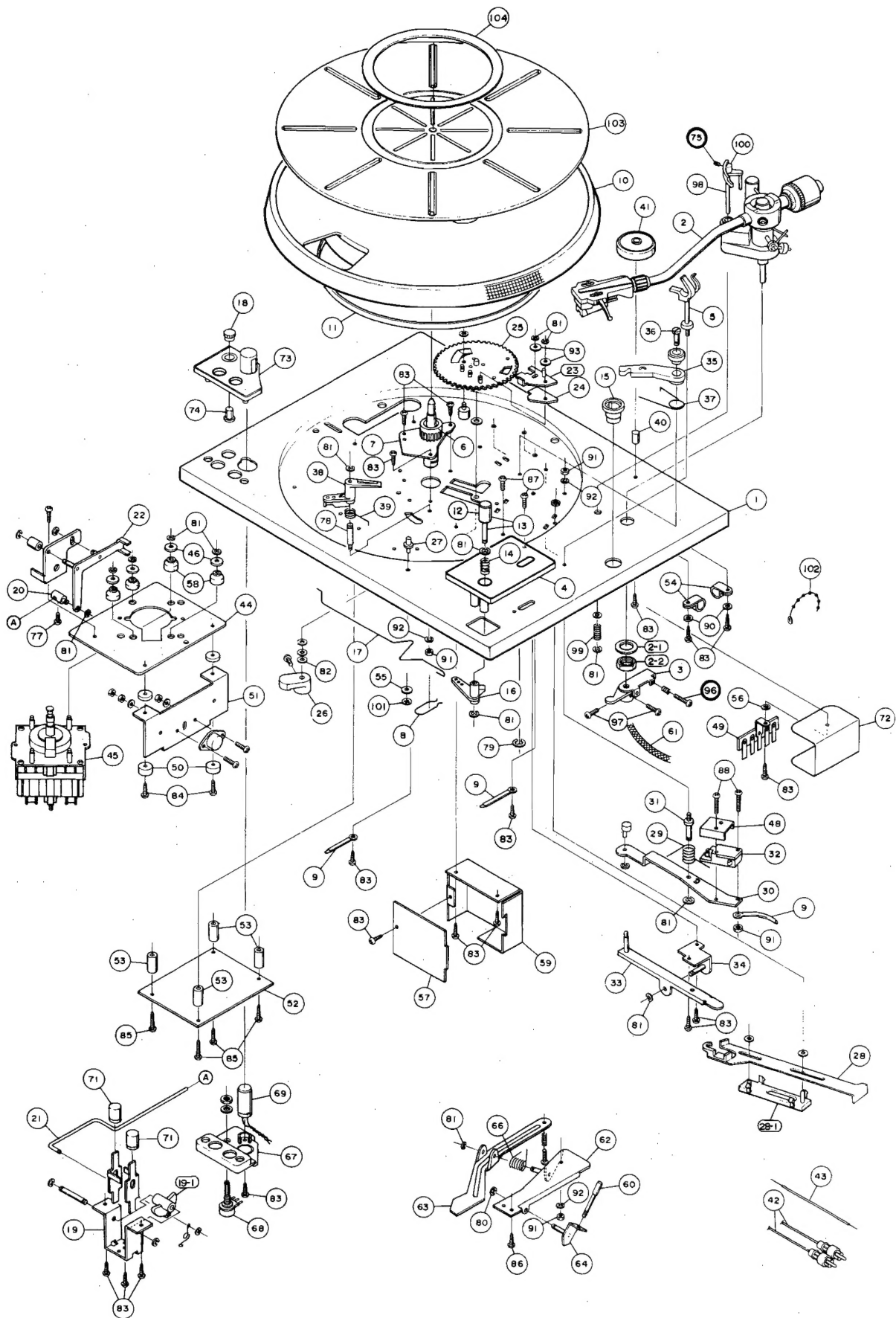
PARTS LIST (SEV)

| Key No. | Part No. | Description | Q'ty | Key No. | Part No. | Description | Q'ty |
|---------|------------------|----------------------|------|---------|------------------|-----------------------------|------|
| PACKING | | | | CABINET | | | |
| | 131 6 1139 51202 | Box corrugate EXP | 1 | 11 | 131 2 3101 17701 | Metal Mount | 4 |
| | 131 6 2119 01330 | Bag Polyethylene EXP | 1 | 12 | 131 2 3608 10200 | Cramp Wire | 1 |
| | 131 6 2119 01361 | Bag Polyethylene EXP | 1 | 13 | 131 2 3608 10300 | Cramp Wire | 1 |
| | 131 6 3009 19521 | Pad | 1 | 14 | 131 2 5205 14900 | Cushion | 8 |
| | 131 6 2519 07400 | Bag Polyethylene EXP | 1 | | 131 2 5205 15000 | Cushion | 4 |
| | 131 6 2719 10600 | Bag Fan | 1 | 15 | 131 2 6111 14200 | Bushing | 1 |
| | 131 6 4119 45403 | Explanatory Booklet | 1 | 16 | 131 2 6111 10300 | Bushing | 1 |
| CABINET | | | | 17 | 131 2 3101 33400 | Metal Mount | 1 |
| 1 | 131 2 1101 30300 | Cabinet | 1 | 18 | 101 3 1103 01001 | Screw Pan Hd. 3.0 x 10 | 4 |
| 2 | 131 0 2002 14201 | Hinge Assy | 2 | 19 | 101 3 1204 00803 | Screw Flat Hd. 4.0 x 8 | 4 |
| 3 | 131 2 2108 00900 | Hinge | 2 | 20 | 104 3 1103 00002 | Nut Hex Hd. 3.0mm | 4 |
| 4 | 131 2 1105 16000 | Plate Bottom | 1 | 21 | 106 3 1102 71001 | Screw Round Hd. 2.7 x 10 | 16 |
| 5 | 131 2 1107 18900 | Lid | 1 | 22 | 106 3 1103 10801 | Screw Round Hd. 3.1 x 8 | 1 |
| 6 | 131 2 1301 14400 | Badge Sanyo | 1 | 23 | 106 3 1103 11302 | Screw Round Hd. 3.1 x 13 | 6 |
| 7 | 131 2 1310 22101 | Name Plate | 2 | 24 | 106 3 1103 11301 | Screw Round Hd. 3.1 x 13 | 7 |
| 10 | 131 2 2904 11900 | Pan Lid | 2 | 25 | 101 3 1104 02003 | Screw Pan Hd. 4.0 x 20 | 4 |
| | | | | 26 | 105 3 1204 00001 | Washer Spring | 4 |
| | | | | 27 | 131 2 4203 84211 | Washer Plain 4.2 x 13 x 1.6 | 4 |
| | | | | 28 | 131 2 4203 83202 | Washer Plain 3.2 x 10 x 1.0 | 8 |

CABINET EXPLODED VIEW (TP 725 SEV)



EXPLODED VIEW (MV)

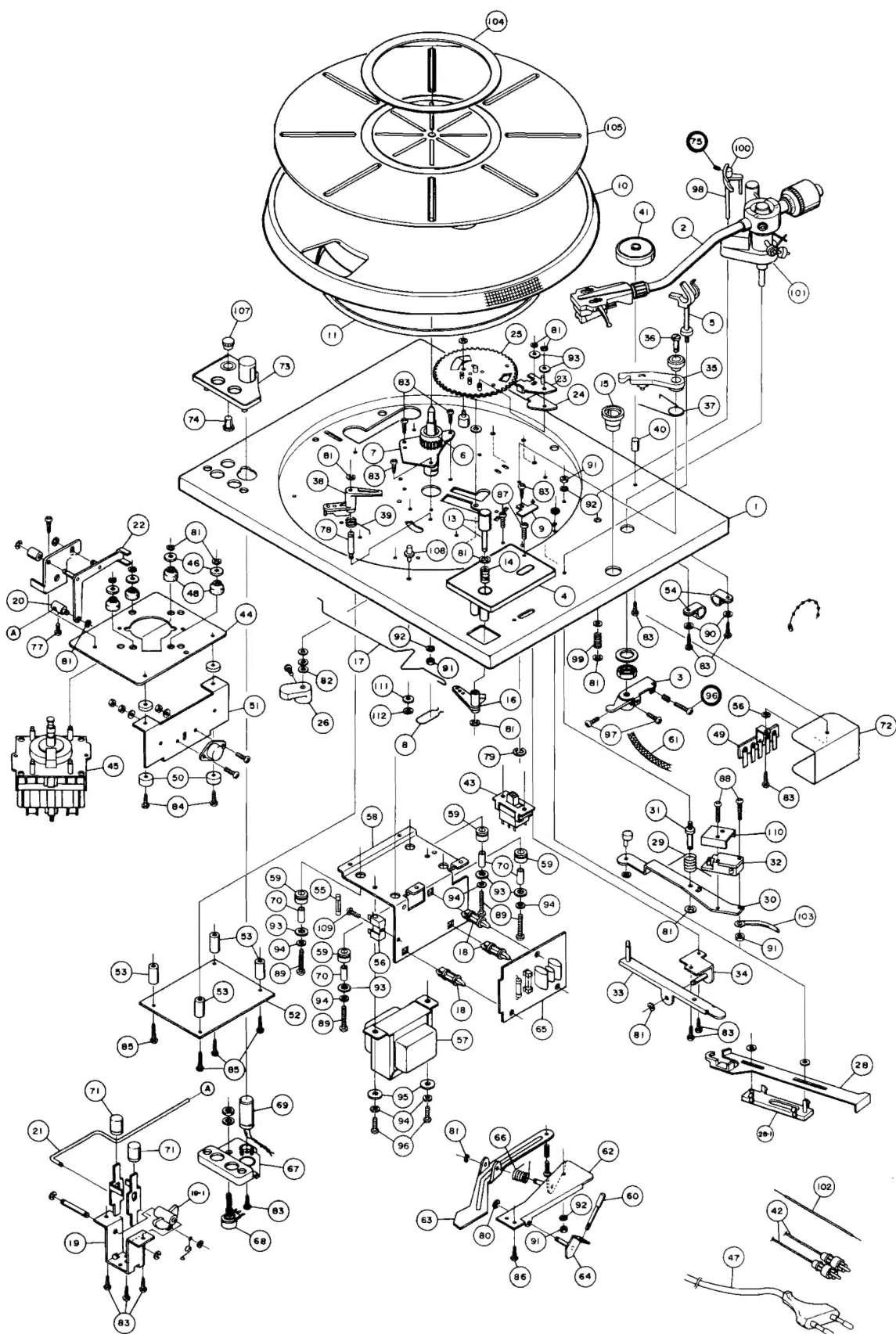


PARTS LIST (MV)

| Key No. | Part No. | Description | Q'ty | Key No. | Part No. | Description | Q'ty |
|----------------|------------------|----------------------------|------|----------------|------------------|-------------------------------|------|
| TURNTABLE UNIT | | | | TURNTABLE UNIT | | | |
| 1 | 134 0 6001 12501 | Unite Plate Assy | 1 | 68 | 4 2229 29005 | Variable Resistor 500 ohm B | 1 |
| 2 | 4 1579 20840 | Pick UP | 1 | 69 | 4 6129 29003 | Neon Lamp | 1 |
| | 134 0 4001 03702 | —Tone Arm Assy | 1 | 71 | 131 0 1001 95003 | Knob Assy | 2 |
| | 4 1579 26710 | —Cartridge MG-28 | 1 | 72 | 131 2 6103 95002 | Cover Shield | 1 |
| | 4 1579 29230 | —Pick UP Stylus ST-28 | 1 | 73 | 134 0 1002 10200 | Panel Assy | 1 |
| | 134 2 4201 11304 | —Screw | 2 | 74 | 131 2 1601 95007 | Knob | 1 |
| | 134 2 4202 11301 | —Nut | 2 | 75 | 134 2 4201 11600 | Screw 2.6 x 4 | 1 |
| | 134 2 4203 01801 | —Washer | 2 | 76 | | Screw Pan Hd. Tapping 2.6 x 8 | 1 |
| | 134 2 1402 10800 | —Retainer Needle | 1 | 77 | | Screw Pan Hd. Tapping 3 x 6 | 1 |
| 2-1 | 134 2 4202 11501 | —Nut | 1 | 78 | 134 2 4106 20900 | Shaft | 1 |
| 2-2 | 134 2 4203 02301 | —Washer | 1 | 79 | | E Ring 4mm | 1 |
| | 134 2 4119 10700 | Sub Weight | 1 | 80 | | E Ring 2mm | 1 |
| 3 | 134 0 6012 10500 | Arm Inter Lock Assy | 1 | 81 | | E Ring 3.2mm | 14 |
| 4 | 134 0 1005 10601 | Cover Rejection Assy | 1 | 82 | | E Ring 4mm | 1 |
| 5 | 134 0 6031 11102 | Armrest Assy | 1 | 83 | | Screw Pan Hd. Tapping 3 x 8 | 15 |
| 6 | 134 0 5002 10600 | Spindle TT Assy | 1 | 84 | | Screw Pan Hd. Tapping 3 x 12 | 2 |
| 7 | 134 0 5010 10200 | Bearing TT Assy | 1 | 85 | | Screw Pan Hd. Tapping 3 x 20 | 4 |
| 8 | 134 2 5101 18500 | Spring | 1 | 86 | | Screw Pan Hd. Tapping 3 x 5 | 1 |
| 9 | 131 2 3608 10200 | Cramp Wire | 3 | 87 | | Screw Pan Hd. 3 x 6 | 2 |
| 10 | 134 2 6101 11300 | Turntable | 1 | 88 | | Screw Pan Hd. 3 x 16 | 2 |
| 11 | 134 2 6302 10200 | Belt | 1 | 89 | | Screw Pan Hd. 4 x 22 | 4 |
| 12 | 134 0 1001 12200 | Knob Assy | 1 | 90 | | Washer 3.2 x 8 x 0.5 | 2 |
| 13 | 134 0 1001 12300 | Knob Assy | 1 | 91 | | Nut 3mm | 4 |
| 14 | 134 2 5101 25300 | Spring | 1 | 92 | | Spring Washer 3mm | 3 |
| 15 | 134 2 4118 16100 | Boss | 1 | 93 | | Washer 4.2 x 12 x 0.8t | 4 |
| 16 | 134 2 4120 16300 | Lever | 1 | 94 | | Spring Washer 4mm | 6 |
| 17 | 134 2 5101 25400 | Spring | 1 | 95 | | Washer 4.7 x 12 x 1t | 2 |
| 18 | 131 2 1601 95008 | Decorate Knob | 1 | 96 | | Screw Pan Hd. 4 x 9 | 2 |
| 19 | 134 0 5008 10500 | Selector Speed Assy | 1 | 97 | | Screw Pan Hd. 2.6 x 6 | 2 |
| 19-1 | 134 2 1405 11200 | Cam | 1 | 98 | 134 2 4116 12000 | Spindle Lifting | 1 |
| 20 | 134 2 4129 10200 | Joint | 1 | 99 | 134 2 5101 25800 | Spring | 1 |
| 21 | 134 2 4112 11000 | Rod | 1 | 100 | 134 2 3310 10900 | Support Arm | 1 |
| 22 | 134 0 5008 10600 | Selector Speed Assy | 1 | 101 | | CS Ring 3mm | 1 |
| 23 | 134 0 6011 10800 | Trip Assy | 1 | 102 | 131 2 3608 11300 | Cramp Wire | 3 |
| 24 | 134 2 4122 11900 | Trip | 1 | 103 | 134 2 6102 13500 | Mat Turntable | 1 |
| 25 | 134 0 6030 11400 | Gear Cycling Assy | 1 | 104 | 134 2 6103 11200 | Plate Decorate TT | 1 |
| 26 | 134 0 6004 10700 | Lever Shut Off Assy | 1 | | | | |
| | 134 2 4120 16400 | Lever | 1 | | | | |
| 27 | 131 2 1503 11501 | Decorate Sign | 1 | | | | |
| 28 | 134 0 6037 11200 | Base Assy | 1 | | | | |
| 28-1 | 134 2 4121 11300 | Guide | 1 | | | | |
| 29 | 134 2 5101 25500 | Spring | 1 | | | | |
| 30 | 134 0 6012 10600 | Arm Inter Lock Assy | 1 | | | | |
| 31 | 134 2 4106 10700 | Shaft | 1 | | | | |
| 32 | 4 2319 21992 | Switch Power | 1 | | | | |
| 33 | 134 0 6012 10700 | Arm Inter Lock Assy | 1 | | | | |
| 34 | 134 0 6037 11300 | Base Assy | 1 | | | | |
| 35 | 134 2 4123 15200 | Arm | 1 | | | | |
| 36 | 134 2 4106 20800 | Shaft | 1 | | | | |
| 37 | 134 2 5101 25600 | Spring | 1 | | | | |
| 38 | 134 2 4120 13800 | Lever | 1 | | | | |
| 39 | 134 2 5101 18400 | Spring | 1 | | | | |
| 40 | 134 2 2902 00302 | Pin Adaptor EP | 1 | | | | |
| 41 | 134 2 2901 10502 | Adaptor EP | 1 | | | | |
| 42 | 131 0 4004 14100 | Wire Shield Assy | 1 | | | | |
| 43 | 4 2319 21530 | Earth Lead | 1 | | | | |
| 44 | 134 2 4108 17500 | Plate | 1 | | | | |
| 45 | 4 1519 20542 | Phono Motor | 1 | | | | |
| 46 | | Fiber Washer 4.7 x 13 x 1t | 4 | | | | |
| 48 | 131 2 1401 10300 | Cover | 1 | | | | |
| 49 | 4 2379 20440 | Lug 4P | 1 | | | | |
| 50 | 131 2 6111 95004 | Bushing | 4 | | | | |
| 51 | 131 2 6201 22300 | Plate Heat Sink | 1 | | | | |
| 52 | 131 0 4001 95017 | Printed Circuit Assy | 1 | | | | |
| 53 | 134 2 4208 12300 | Spacer | 4 | | | | |
| 54 | 131 2 3608 95001 | Cramp Wire | 2 | | | | |
| 55 | 131 2 6111 95005 | Bushing | 1 | | | | |
| 56 | | Washer 3mm | 1 | | | | |
| 57 | 131 0 4001 95015 | Printed Circuit Assy | 1 | | | | |
| 58 | 134 2 5202 11600 | Rubber Cushion | 4 | | | | |
| 59 | 131 2 3614 95001 | Mount PCB | 1 | | | | |
| 60 | 134 0 1001 12400 | Rod Assy | 1 | | | | |
| 61 | | Weaved Wire 5mm | 1 | | | | |
| 62 | 134 0 6029 10700 | Angle Mount Assy | 1 | | | | |
| 63 | 134 0 6024 10200 | Plate Connect Assy | 1 | | | | |
| 64 | 134 0 6028 10800 | Cam Drive Assy | 1 | | | | |
| 66 | 134 2 5101 25700 | Spring | 1 | | | | |
| 67 | 134 0 6037 11400 | Base Assy | 1 | | | | |

Note: Specifications are subject to change without notice for further improvement.

EXPLODED VIEW (SEV)



PARTS LIST (SEV)

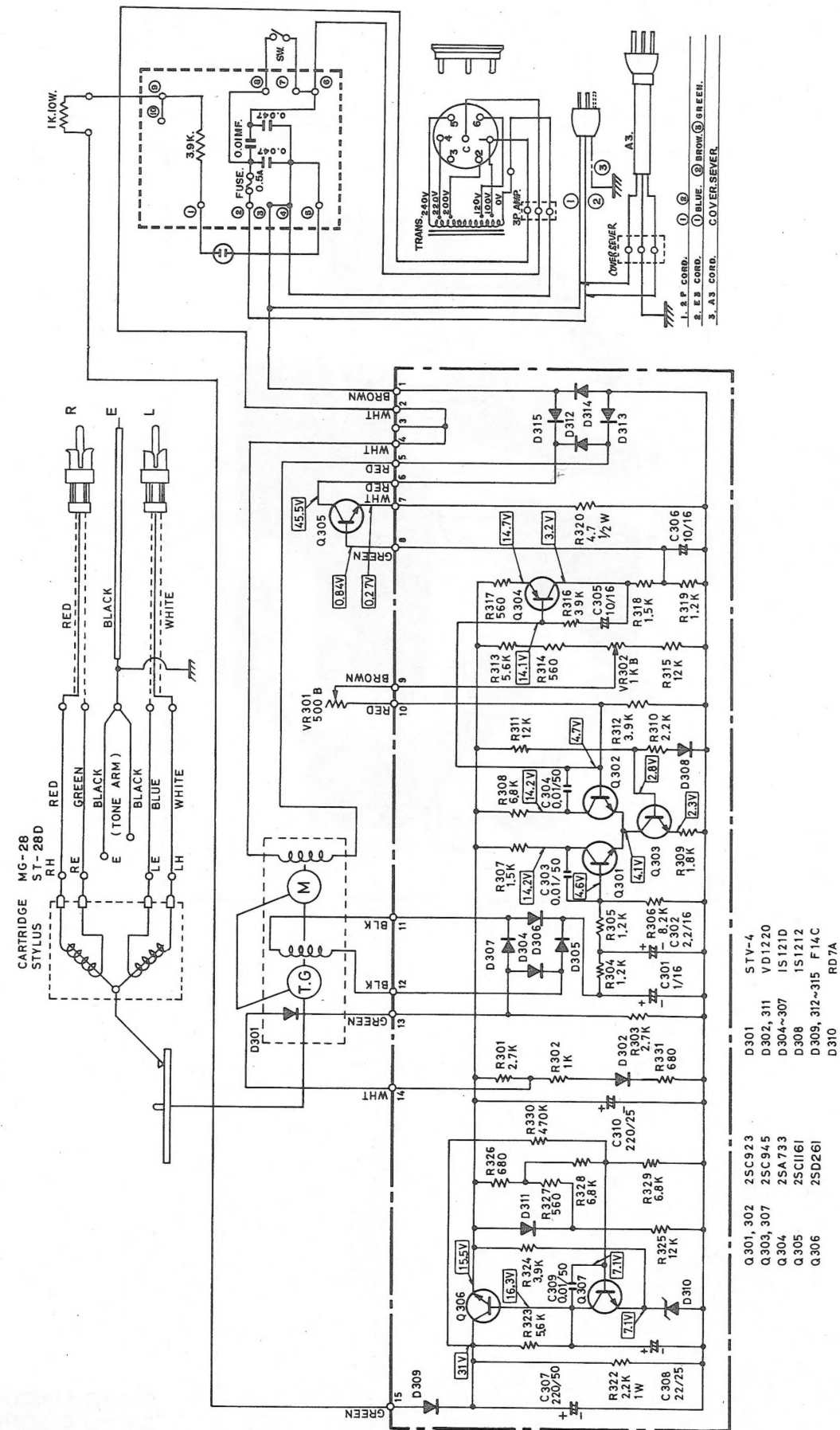
| Key No. | Part No. | Description | Q'ty | Key No. | Part No. | Description | Q'ty |
|----------------|------------------------------|----------------------|------|-----------|------------------|--------------------------------|------|
| TURNTABLE UNIT | | | | TURNTABLE | | | |
| 1 | 134 0 6001 12500 | Unit Plate Assy | 1 | 67 | 134 0 6037 11400 | Base Assy | 1 |
| 2 | 4 1579 20840 | Pick Up | 1 | 68 | 4 2229 29005 | Variable Resistor | 1 |
| | 134 0 4001 03702 | -Tone Arm Assy | 1 | 69 | 4 6129 29003 | Neon Lamp | 1 |
| | 4 1579 26710 | -Cartridge | 1 | 70 | 134 2 4208 13400 | Spacer | 4 |
| | 4 1579 29230 | -Pickup Stylus | 1 | 71 | 131 0 1001 95003 | Knob Assy | 2 |
| | 134 2 4201 11304 | -Screw | 2 | 72 | 131 2 6103 95002 | Cover Shield | 1 |
| | 134 2 4202 11301 | -Nut | 2 | 73 | 134 0 1002 10200 | Panel Assy | 1 |
| | 134 2 4203 01801 | -Washer | 2 | 74 | 131 2 1601 95007 | Knob | 1 |
| | 134 2 1402 10800 | -Retainer Needle | 1 | 75 | | Screw 2.6 x 4 | 1 |
| | 134 2 4202 11501 | -Nut | 1 | 76 | | Screw Pan Head Tapping 2.6 x 8 | 1 |
| | 134 2 4203 02301 | -Washer | 1 | 77 | | Screw Pan Head 3 x 6 | 1 |
| | 134 2 4119 10700 | Sub Weight | 1 | 78 | 134 2 4106 20900 | Shaft | 1 |
| 3 | 134 0 6012 10500 | Arm Interlock Assy | 1 | 79 | | E Ring 4mm | 1 |
| 4 | 134 0 1005 10600 | Cover Rejector Assy | 1 | 80 | | E Ring 2mm | 1 |
| 5 | 134 0 6031 11102 | Armrest Assy | 1 | 81 | | E Ring 3.2mm | 4 |
| 6 | 134 0 5002 10600 | Spindle TT Assy | 1 | 82 | | E Ring 4mm | 1 |
| 7 | 134 0 5010 10200 | Bearing TT Assy | 1 | 83 | | Screw Pan Head Tapping 3 x 8 | 10 |
| 8 | 134 2 5101 18500 | Spring | 1 | 84 | | Screw Pan Head 3 x 12 | 2 |
| 9 | 134 2 1405 01800 | Cover Select | 1 | 85 | | Screw Pan Head 3 x 20 | 4 |
| 10 | 134 2 6101 11300 | Turne Table | 1 | 86 | | Screw Pan Head 3 x 5 | 1 |
| 11 | 134 2 6302 10200 | Belt | 1 | 87 | | Screw Pan Head 3 x 6 | 2 |
| 13 | 134 0 1001 12300 | Knob Assy | 1 | 88 | | Screw Pan Head 3 x 14 | 2 |
| 14 | 134 2 5101 25300 | Spring | 1 | 89 | | Screw Pan Head 4 x 22 | 4 |
| 15 | 134 2 4118 16100 | Boss | 1 | 90 | | Washer 3.2 x 8 x 0.5 | 2 |
| 16 | 134 2 4120 16300 | Lever | 1 | 91 | | Nut 3mm | 3 |
| 17 | 134 2 5101 25400 | Spring | 1 | 92 | | Spring Washer 3φ | 3 |
| 18 | 134 2 4208 13300 | Spacer | 3 | 93 | | Washer 4.2 x 12 x 0.8 | 4 |
| 19 | 134 0 5008 10500 | Selector Speed Assy | 1 | 94 | | Spring Washer 4φ | 6 |
| 19-1 | 134 2 1405 11200 | Cam | 1 | 95 | | Waher 4.7 x 12 x 7 | 2 |
| 20 | 134 2 4129 10200 | Joint | 1 | 96 | | Screw Pan Head 4 x 6 | 2 |
| 21 | 134 2 4112 11000 | Rod | 1 | 97 | | Screw Pan Head 2.6 x 6 | 2 |
| 22 | 134 0 5008 10600 | Selector Speed Assy | 1 | 98 | 134 2 4116 12000 | Spindle Lifting | 1 |
| 23 | 134 0 6011 10800 | Trip Assy | 1 | 99 | 134 2 5101 25800 | Spring | 1 |
| 24 | 134 2 4122 11900 | Trip | 1 | 100 | 134 2 3310 10900 | Support Arm | 1 |
| 25 | 134 0 6030 11400 | Gear Cycling Assy | 1 | 101 | 134 2 1404 10600 | Housing | 1 |
| 26 | 134 0 6004 10700 | Lever Shut Off Assy | 1 | 102 | | Wire L-1500 | 1 |
| 27 | 134 2 6111 95002 | Bushing | 1 | 103 | 131 2 3608 10200 | Cramp Wire | 1 |
| 28 | 134 0 6037 11200 | Base Assy | 1 | 104 | | TT Ring | 1 |
| 28-1 | 134 2 4121 11300 | Guide | 1 | 105 | | TT | 1 |
| 29 | 134 2 5101 25500 | Spring | 1 | 106 | | Washer 3φ | 1 |
| 30 | 134 0 6012 10600 | Arm Interlock Assy | 1 | 107 | 131 2 1601 95008 | Decorate Knob | 1 |
| 31 | 134 2 4106 20700 | Shaft | 1 | 108 | 131 2 1503 11501 | Decorate Sign | 1 |
| 32 | 4 2319 21992 | Switch Power | 1 | 109 | | Screw Pan Head 2.6 x 8 | 1 |
| 33 | 134 0 6012 10700 | Arm Interlock Assy | 1 | 110 | 131 2 1401 10300 | Cover | 1 |
| 34 | 134 0 6037 11300 | Base Assy | 1 | 111 | 131 2 6111 95001 | Bushing | 1 |
| 35 | 134 2 4123 15200 | Arm | 1 | 112 | | CS Ring 3mm | 1 |
| 36 | 134 2 4106 20800 | Shaft | 1 | | | | |
| 37 | 134 2 5101 25600 | Spring | 1 | | | | |
| 38 | 134 2 4120 13800 | Lever | 1 | | | | |
| 39 | 134 2 5101 18400 | Spring | 1 | | | | |
| 40 | 134 2 2902 00302 | Pin Adaptor EP | 1 | | | | |
| 41 | 134 2 2901 10500 | Adaptor EP | 1 | | | | |
| 42 | 131 0 4004 14100 | Wire Shield Assy | 1 | | | | |
| 43 | 4 2319 21530 | Switch Slide 6P | 1 | | | | |
| 44 | 134 2 4108 17500 | Plate | 1 | | | | |
| 45 | 4 1569 20541 | Phono Motor | 1 | | | | |
| 46 | | Washer | 4 | | | | |
| 47 | 4 2439 20710 or 4 2439 20550 | Power Cord | 1 | | | | |
| 48 | 134 2 5202 11600 | Cushion | 4 | | | | |
| 49 | 4 2379 20440 | Lug 4P | 1 | | | | |
| 50 | 131 2 6111 95003 | Bushing | 4 | | | | |
| 51 | 131 2 6201 22300 | Plate Heat Sink | 1 | | | | |
| 52 | 131 0 4001 95016 | Printed Circuit Assy | 1 | | | | |
| 53 | 134 2 4208 12300 | Spacer | 4 | | | | |
| 54 | 131 2 3608 95001 | Cramp Wire | 2 | | | | |
| 55 | 4 2349 20410 | Fuse | 3 | | | | |
| 56 | 4 2359 21020 | Fuse Holder | 2 | | | | |
| 57 | 4 2519 23600 | Power Trans | 1 | | | | |
| 58 | 134 2 2403 15300 | Angle Mount | 1 | | | | |
| 59 | 134 2 5202 11700 | Cushion | 4 | | | | |
| 60 | 134 0 1001 12400 | Rod | 1 | | | | |
| 61 | | Shield Wire | | | | | |
| 62 | 134 0 6029 10700 | Angle Mount Assy | 1 | | | | |
| 63 | 134 0 6024 10200 | Plate Connect Assy | 1 | | | | |
| 64 | 134 0 6028 10800 | Cam Drive Assy | 1 | | | | |
| 65 | 131 0 4001 95013 | Printed Circuit Assy | 1 | | | | |
| 66 | 134 2 5101 25700 | Spring | 1 | | | | |

Note: Specifications are subject to change without notice for further improvement.

PARTS LIST

| Key No. | Part No. | Description | Q'ty | Key No. | Part No. | Description | Q'ty |
|------------------|------------------|------------------------------|------|----------------|------------------|----------------------|------|
| CONTROL PCB ASSY | | | | POWER PCB ASSY | | | |
| | 131 0 4001 95016 | Control PCB Assy | 1 | | 131 0 4001 95014 | Power PCB Assy (MV) | 1 |
| | | TRANSISTOR | | | 131 0 4001 95013 | Power PCB Assy (SEV) | 1 |
| Q301 | | 2SC923 | 1 | | 4 2349 20100 | 0.5A Fuse (MV) | 1 |
| Q302 | | 2SC923 | 1 | | 4 2349 20410 | 0.315A (SEV) | 1 |
| Q303 | | 2SC945 | 1 | | | RESISTOR | |
| Q304 | | 2SA733 | 1 | | | 3.9K 2W | 1 |
| Q305 | | 2SC1161 | 1 | | | CAPACITOR | |
| Q306 | | 2SD261 | 1 | | | 0.047MF 630WV | 2 |
| Q307 | | 2SC945 | 1 | | | 0.01MF 630WV | 1 |
| | | DIODE | | | | | |
| D302 | | VD 1220 | 1 | | | | |
| D304 | | VD 1120 | 1 | | | | |
| D305 | | VD 1120 | 1 | | | | |
| D306 | | VD 1120 | 1 | | | | |
| D307 | | VD 1120 | 1 | | | | |
| D308 | | VD 1120 | 1 | | | | |
| D309 | | F 14C | 1 | | | | |
| D310 | | RD 7A | 1 | | | | |
| D311 | | VD 1220 | 1 | | | | |
| D312 | | F 14C | 1 | | | | |
| D313 | | F 14C | 1 | | | | |
| D314 | | F 14C | 1 | | | | |
| D315 | | F 14C | 1 | | | | |
| | | RESISTORS | | | | | |
| R322 | | 2.2K 1W ±5% | 1 | | | | |
| R301 | | 2.7K 1/4W ±5% | 1 | | | | |
| R302 | | 1K 1/4W ±5% | 1 | | | | |
| R303 | | 2.7K 1/4W ±5% | 1 | | | | |
| R304 | | 1.2K 1/4W ±5% | 1 | | | | |
| R305 | | 1.2K 1/4W ±5% | 1 | | | | |
| R306 | | 8.2K 1/4W ±5% | 1 | | | | |
| R307 | | 1.5K 1/4W ±5% | 1 | | | | |
| R308 | | 6.8K 1/4W ±5% | 1 | | | | |
| R309 | | 1.8K 1/4W ±5% | 1 | | | | |
| R310 | | 2.2K 1/4W ±5% | 1 | | | | |
| R311 | | 12K 1/4W ±5% | 1 | | | | |
| R312 | | 3.9K 1/4W ±5% | 1 | | | | |
| R313 | | 5.6K 1/4W ±5% | 1 | | | | |
| R314 | | 560 1/4W ±5% | 1 | | | | |
| R315 | | 12K 1/4W ±5% | 1 | | | | |
| R316 | | 3.9K 1/4W ±5% | 1 | | | | |
| R317 | | 560 1/4W ±5% | 1 | | | | |
| R318 | | 1.5K 1/4W ±5% | 1 | | | | |
| R319 | | 1.2K 1/4W ±5% | 1 | | | | |
| R320 | | 4.7K 1/2W ±5% | 1 | | | | |
| R323 | | 5.6K 1/4W ±5% | 1 | | | | |
| R324 | | 3.9K 1/4W ±5% | 1 | | | | |
| R325 | | 12K 1/4W ±5% | 1 | | | | |
| R326 | | 680 1/4W ±5% | 1 | | | | |
| R327 | | 560 1/4W ±5% | 1 | | | | |
| R328 | | 6.8K 1/4W ±5% | 1 | | | | |
| R329 | | 6.8K 1/4W ±5% | 1 | | | | |
| R330 | | 470K 1/4W ±5% | 1 | | | | |
| R331 | | 680 1/4W ±5% | 1 | | | | |
| | | CAPACITOR | | | | | |
| C301 | | 1MF/16V | 1 | | | | |
| C302 | | 2.2MF/16V | 1 | | | | |
| C305 | | 10MF/16V | 1 | | | | |
| C306 | | 10MF/16V | 1 | | | | |
| C307 | | 220MF/50V | 1 | | | | |
| C308 | | 22MF/25V | 1 | | | | |
| C310 | | 220MF/25V | 1 | | | | |
| C303 | | 0.01MF/50V ±10% | 1 | | | | |
| C304 | | 0.01MF/50V ±10% | 1 | | | | |
| C309 | | 0.01MF/50V ±10% | 1 | | | | |
| | | BARIABLE RESISTORS | | | | | |
| VR301 | | 500 B type Variable Resistor | 1 | | | | |
| VR302 | | 1K B type Semi Fixed | 1 | | | | |

SCHEMATIC DIAGRAM (MV)



| TR, D | Q 301 | Q 302 | Q 303 | Q 304 | Q 306 | Q 307 | D302 | D304 ~ D307 | D308 | D309 | D310 | D311 | D312 ~ D315 |
|-------|--------|--------|---------|--------|--------|--------|---------|-------------|---------|-------|------|---------|-------------|
| RANK | 25C923 | 25C923 | 25C1161 | 25A733 | 25D261 | 25C945 | VD-1220 | VD-1120 | VD-1122 | F 14C | RD7A | VD 1220 | F 14C |
| | | | | | | | | | | M | | | |

